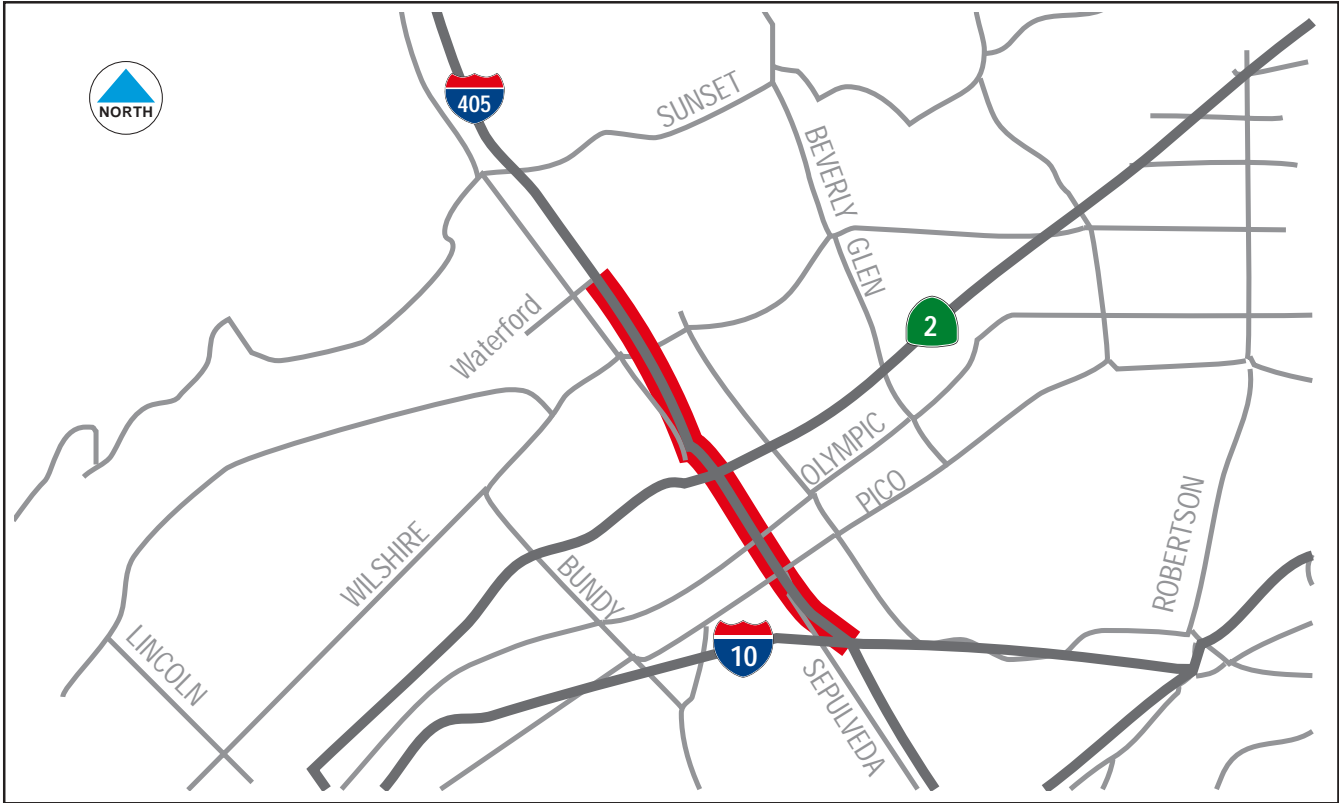


ROUTE 405 HOV AND AUXILIARY LANE

Southbound Between Waterford and Route 10

TCRP PROJECT # 52
07-195900
PPNo: 2333
LA-405-KP 47/51.6 (PM 29.2/32.1)



I. Purpose and Need.

This project proposes to add auxiliary lanes between existing on & off-ramps on SB 405 between Waterford and I-10. In addition it proposes HOV lane to provide continuity for the SB HOV lane on entire RTE 405 corridor. Adding auxiliary lanes in this segment of southbound Route 405 is being considered in an effort to alleviate the traffic congestion that occurs on this segment of southbound Route 405.

Scope of Transportation Improvements.

The project proposes widening of the existing facility to add a 3.6 m HOV lane with a 0.6 m buffer, restriping the existing five MFL as four 3.3 m and one 3.6 m MFL, adding 3.6 m auxiliary lanes between existing on-ramps and off –ramps, providing a 3.0 m standard outside shoulder and a 1.0 m half median.

II. Benefits

Transportation benefits

The proposed improvement on SB Route 405 provides approximately 1.5 km of additional lanes between existing on-ramps and off-ramps within the 4.6 km project limits and thus improves the weaving conditions on the mainline and reduces the traffic congestion in one of the busiest Freeway in the nation. In addition, the proposed standard right shoulder and the removal of the existing Type E curb throughout the project limits will enhance safety for the motorists.

III. Cost

The Total Cost of the Project is \$ 74.40 million. The funding details are as follows.

Fund Source	Programmed Amount (capital plus support)	Additional Funding Needs (if any)	Milestones to be met with funds (PA&ED, R/W Cert, RTL, CCA)
RTIP		\$13.521 million*	R/W, CCA
ITIP	\$7.403 million for support only	\$13.538 million*	PA&ED, RTL, RW, CCA
Grandfathered STIP			
SHOPP			
Measure			
RSTP			
CMAQ			
TCRP	\$25 million		CCA
Private Funding			
Total	\$32.403 Million	\$27.059 Million	

* Proposed funding for 2002 programming - expected to be available by April 2002.

PROJECT SCHEDULE

Total Estimated Cost of Project: 59.462 Million

